|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Controller | Endpoint | Http Method | Brief Description | Data Format Example | Notes |
| Hero | /hero | GET | Return array of all heroes in DB | [{“heroid” :1,  “name” : “Swinburne Man”,  “MinDice”: 1,  “maxDice”: 10,  “numOfUses”: 3  }] |  |
| Hero | /hero/id | GET | Returns the hero with the id specified | [{“heroid” :3,  “name” : “captain Swinburne”,  “MinDice”: 1,  “maxDice”: 10,  “numOfUses”: 3 }] | Eg- hero/3  If no hero exists with that id => home page |
| Hero | /hero | POST | Inserts the hero passed by the user | [{“heroid” :2,  “name” : “Ms Swinburne”,  “MinDice”: 1,  “maxDice”: 8,  “numOfUses”: 3 }] | Data is passed into the Database ? hero pass success & show hero : pass failed |
| Hero | /hero | DELETE | Deletes the selected hero | [{“heroid” :2,  “name” : “Ms Swinburne”,  “MinDice”: 1,  “maxDice”: 8,  “numOfUses”: 3 }] | Request is sent to API to delete the selected hero from DB.  Hero Deleted ? Request Success & Hero doesn’t show : Request Failed |
| Hero | /hero | PUT | Edit a Hero from the database | [{“heroid” :2,  “name” : “Ms Hero”,  “MinDice”: 2,  “maxDice”: 8,  “numOfUses”: 3  }] | Hero’s details get edited by the data passed by the user. |
| Villain | /villain | GET | Return array of all villains in DB | [{  “villainId” :1,  “Vname” : “BAD Man”,  “HitPoints”: 10}] |  |
| Villain | /villain/id | GET | Returns a villain with the id specified | [{  “villainId” :2,  “Vname” : “SuperBAD Man”,  “HitPoints”: 12}] | Eg- hero/2  If no hero exists with that id => home page |
| Villain | /villain | PUT | Edit a villain from the database | [{  “villainId” :2,  “Vname” : “Super Evil Man”,  “HitPoints”: 12}] | Villain’s details get edited by the data passed by the user. |
| Villain | /villain | POST | Inserts the villain passed by the user | [{  “villainId” :3,  “Vname” : “Guy with Brain”,  “HitPoints”: 12}] | Data is passed into the Database ? Villain pass success & show villain : pass failed |
| Villain | /villain | DELETE | Deletes the selected villain | [{  “villainId” :3,  “Vname” : “Guy with Brain”,  “HitPoints”: 12}] | Request is sent to API to delete the selected villain from DB.  villain Deleted ? Request Success & Villain doesn’t show : Request Failed |